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(Project)

Regarding the installation of the variableness measurement tool 12 to the container 1 of the cartridge style discharge instrument, there was a need for carefulness when inserting the variableness measurement tool 12 while making it face upward into the container 1 to make sure that liquid from the liquid receiving part 7 doesn't overflow, making it a considerably difficult task.

Also, regarding its use after the variableness measurement tool 12 is installed to the container 1, to try to discharge the liquid from nozzle 10, one must hold the bottom part of the variableness measurement tool 12 and push the liquid to the top portion to push the remaining air from the liquid receiving part 7 to the medium chamber 8, and seal the areas around the check valve 9 with the fluid of the liquid.

The above requires manipulation of water, and it becomes very inconvenient when dealing with the replacing of the spare cartridges when beginning to use.

(Solution Method)

This regards the cartridge style discharge instrument that discharges the liquid through the discharge exit from the liquid storage chamber 2. After forming the connection container part 11 at the connection part of the liquid storage chamber 2 of the discharge instrument, the connection container part 11 of the discharge instrument is airtight sealed in the liquid storage chamber 2, and the inboard capacity of the connection container part 11 of the discharge instrument is made smaller than the insertion capacity of the interior of the liquid storage chamber 2 of the connection container part 11.



Drawing
Fig 2

